





Address Reply: 305 Sunshine Road Kansas City, KS 66115 Tel: (913) 621-6410 Fax: (913) 621-7387

December 4, 1991

Ms. Lynda Ramsey Kansas Bureau of Air and Waste Management 808 West 24th Street Lawrence, KS 66046-4417

Dear Ms. Ramsey:

As requested in your November 26, 1991 Compliance Inspection report of my facility, I am writing to notify you of the "Resinew" and "Pentachlorophenate" waste disposition.

The seven (7) drums of Resinew, now classified "non-hazardous" will be shipped December 4, 1991 to El Dorado, Arkansas for incineration by Ensco.

There were three (3) drums of Pentachlorophenate waste instead of two (2). This material is being shipped December 4, 1991 to Clean Harbors of Natick, Inc., 10 Mercer Road, Natick, MA for storage until the Coffeyville, KS disposal site receives their EPA permit.

If you have any questions, please call me at (913) 621-6440.

Thank you.

Sincerely,

DREW INDUSTRIAL DIVISION ASHLAND CHEMICAL, INC.

Wm. H. Dame Plant Manager

WED/js

cc:

W. Dondarski, Jr. - Drew, Kearny, NJ

K. Carter - Ashland, Dublin, OH

R00146072

RCRA RECORDS CENTER

10. Lyada Ramsey

FROM: Ch.E. Dame DREW IND.

2 pages

12/4/91



7 1 m

Income of genergancy or spill, termediately coult

Form Approved QMB No. (050-0000, Expres) 3: 10-31



COMMONWEALTH OF MASSAC SETTS PARTMENT OF ENVIRONMENTAL CITECTION DIVISION OF HAZARDOUS WASTE

One Winter Street Boston, Massachusetts 02108

Coston, Wassachusens oz

	Child or type: I Portin designed for the Cit Shift (1) 2-91(Child (4) Sewinter)					
	UNIFORM HAZARDOUS 1. Generator US EPA ID No WASTE MANIFEST KSD 0 0 0 2 0 3 6 3 8 8	Manifest	2. Pag	1	n in the shed med by Feds	
}	3. Generator's Name and Mailing Address 0 / A . C/1 / J. L.	Designation of the last of the	4.51	te Manifest Docur	nem Numbe	
	DA TEX 248	who Rob	MA 8. Stu	F37017	7 3	
1	A. Generator's Phone (415) 276-454/					14.4
*	S. Treneportes 1 Company Name 8. US EPA 10 Number Chan Harbors of Kines from DK, N. M. O. O. S. 9.3.2	2,2,50	C.Sta	ta Trans. 10/	195	1,46
1	7. Transporter 2 Company Name 8. US EPA 10 Number		O. Yes	nsporter's Pilone (61715	755
-	9 Designated Facility Nages and Site Address		1.30		111	1 1 1
	Close Hankors of Notick, Inc.			naporter's Phone (
	10 Marcer Road Natick, MA. 0/760 WAD19810572	3,2,03		te Fecility's ID		echirec.
		12. Conta		13. Total	14. Unit	Waste N
	11. US DOT Description (Injulating Proper Shipping Name, Hazard Class, and ID Number)	No.	Туре	Quentity	MiNA	
	RA, Hozardous Woste Solid, (FO27)			0 11 0	0	Se
	(Pentachlorophonote) ORM-E NA9189	7 3	DM	19185	P	Fo. 2
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A	a.					1
						I P
	J. Additional Descriptions for Materials Eisted Above (include chysical State and hazard code.)		K. Hen	diking Codes for W	autus List ud :	1 PPOAR
	c.		· 3 .		<u>c.</u>	
	d.		5 .	1 1	d.	1 5
	15. Special Handling Instructions and Additional Information	Cara	0 = 1		4	
	In case of emergency, call 1-	800 - 0		- 1000	•	
	16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and socurately del proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for	scribed above by	hway			
	according to applicable international and national government regulations.			have determined to be	an an annual and a state of	u numertin silvis
10	If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste and that I have selected the practicable method of treatment, storage, or disposal currently available to me which remark OR, if I am a small quantity generator, I have made a good faith affort to member my waste generator and a	NATIONIZES ING DIS	STENT SING	MINIO IMPET TO HOME	11 4 4	I de de la la la Carta
	can afford.		2/			Data
u.	William E. Dome Significant	یک بست	11/	inio	Month	101/19
Ti	17. Transporter 1 Acknowledgement of Receipt of Materials	/				Dete
	Bohon + M. CACCAMO	m.(AL	care	Monm	151419
0	18. Transporter 2 Acknowledgement of Receipt of Materials					७ कर क
7 7 77	Printed/Typed Name Signature				Month	DOV YE
p	19. Discrepancy Indication Space					
AC						
1	20. Fecility Owner or Operator: Cartification of receipt of hazardous materials covered by this manife	et except as n	oted in I	tem 19.		
1	Printed/Typed Name Signature				Month	Cay You
Y	Signature Signature	v				

FAX COVER SHEET

TO_	Lynda Rumsey
AT_	KDHE
FRO	MM. C. Dame

TEL 913-621-6410 FAX 913-621-7387

NO. PAGES INCLUDING THIS COVER SHEET

COVER MESSAGE

Lyada- Per our plane conv. This AM Manifest of Penta allorophembe.

Themes,

Bill, 2/9/91





Ashland Chemical, Inc. Subsidiary of Ashland Oil, Inc. Address Reply: 305 Sunshine Road Kansas City, KS 66115 Tel: (913) 621-6410 Fax: (913) 621-7387

December 17, 1991

Ms. Lynda R. Ramsey Kansas Bureau of Air & Waste Management Dept. of Health & Environment 808 West 24th Street Lawrence, KS 66046-4417

RE: Ashland Chemical, Inc.
Drew Industrial Division
Kansas City Facility
KSD000203638
Notice of Violation

RECEIVED)
DEC 16 1991

K. D. H. E. NORTHEAST DISTRICT

> CERTIFIED MAIL RETURN RECEIPT REQUESTED

Dear Ms. Ramsey:

This letter will constitute Ashland Chemical, Inc. Drew Industrial Division's response to the Notice of Violation received on November 30, 1991 for the Kansas City facility. The Notice was based on an inspection performed October 29, 1991.

RCRA STATUS

The Notice correctly states that the facility is considered a Small Quantity Generator; however, Ashland would like to additionally point out that on October 4, 1991, Ashland submitted Notification of Intent to Close and withdraw the Part B permit for the facility. Ashland received approval to initiate closure from the Bureau on October 14th. Following certification of closure, which Ashland expects to submit before the end of the year, Ashland will be a Small Quantity Generator only.

Item No. 1

Two drums of waste pentachlorophenate located in your hazardous waste storage area marked with the incorrect waste identification code U242 in violation of K.A.R. 28-31-3.

Telex: 136444 Fax: (201) 263-3323 QUALITY (NU)

Ashland Response:

Ashland respectfully disagrees that this is a violation of K.A.R. 28-31-3 since this references 40 CFR 261 which does not require that the <u>waste code</u> be <u>marked</u> on the container. The containers were in compliance since they were marked with the words "hazardous waste". The pentachlorophenate material is the responsibility of Olin Corporation as dictated by Ashland acquisition documents. The material was classified by Olin as U242 originally since using the fact that it is the pure commercial chemical product containing sold active ingredient pentachlorophenol. EPA has since removed the waste code U242 and included them in the F027 designation. Ashland has relabeled the material as F027 and manifested the material on December 4th to Clean Harbors of Natick, Inc. located in Natick, Massachusetts.

Item No. 2:

Dwight Hammons has not received documented annual updated hazardous waste management training as required by Attachment III, Section four of the permit and 40 CFR 264.16.

Ashland Response:

Dwight Hammons received Annual RCRA Hazardous Waste Management Training on March 6, 1991 and October 8, 1991. Since Dwight is a laboratory employee there was confusion over who should maintain his training documentation. Documentation of this training is attached.

Item No. 3:

There is no manifest document number on the hazardous waste shipment dated Sept. 19, 1991 in violation of K.A.R. 28-31-4(d)(1).

Ashland Response:

The manifest in question was prepared by Olin personnel for the first shipment of waste material following the acquisition and as a result did not take into consideration Ashland's unique manifest numbering system. Ashland has assigned manifest number 00017 in our file copies.

Item No. 4:

The land disposal restriction notice dated September 19, 1991 identified the manifest document number as AR-518362. The manifest document number is incorrect and therefore in violation of K.A.R. 28-31-14.

Ashland Response:

Because Olin was unaware of Ashland's unique manifest numbering system, the state manifest document number was used instead. A notation has been made on the LDR form to reflect the newly assigned manifest document 00017.

Disposal of F027 Wastes

As described the December 4, 1991 letter, Olin manifested the three drums of pentachlorophenate on December 4, 1991 to Clean Harbors of Natick, Inc. for onsite storage. The seven drums of Resinew waste were also shipped on December 4th to ENSCO for incineration.

Analysis of Wastes

Analysis for wastes identified as 21, 29, 33, 34, 35, 41, 42, 43 and the eight drums of Powder Blender Clean-Out Powder are attached. It should be noted that container 41 will be reused as Drew 3302 and three of the powders can be reworked (TH-2, TH-3, TH-7). Disposal arrangements are being made for the remaining materials.

If you have any questions, please contact me at (913) 621-6410.

Sincerely,

William E. Dame Plant Manager

WED/js

bcc:

W. Dondarski

A. Kolarsky T. Woods

K. Carter

File: Drew Kansas City Waste

K.C. PLANT EMPLOYEE TRAINING RECORD

	Employee	ì	Wight Hamm	ons H	ire Date	Pepl.	15,1974
			1				
	DATE	T	RAINING - OSHA M	ANDATED	EMPLOYE	E	INSTRUCTOR
_		1.	Confined Space Ent	ry			
_	10/8/91	2.	Emergency Action F	lan	OH	www.	DAME
-		3.	Forklift Driving				-
_	10/8/91	4.	Hazard Communicat	ion	DH		D. Selchan
_	10/8/91	5.	Emergency Response	2			1 1
	,		(HAZWOPER)		_0H		D. Selchan
_		6.	Hearing Conservation	n			Parties de la company de la co
_		7.	Hot Work				
_	10/1/91	8.	Incipient Fire Train	ing	_04_		Firemoster
-		9.	Lock Out/Tag Out		-		
_		10	OSHA Recordkeepir	ıg	*****	-	
_		11.	Respiratory Protecti	on		-	
_		12.	Toxic Substance Con	itrol Act			
			(TSCA)				
	DATE	TRA	INING - NON-OSHA	MANDATED	EMPLOYE	<u>E</u>	INSTRUCTOR
_	10/8/91	1.	Resource Conservati	on &			
	. /		Recovery Act (RCR	A)	$\mathcal{O}H$		DAME
_	10/1/91	2.	Fire Extinguisher T	raining	04		FIREMASTER
_	3/6/91	3.	Hazardous Waste Tr	aining	- OH	-	DAME
	3/6/81		a. MSDS				
_	3/6/81		b. Hazards of Waste	:s			
_	3/6/91		c. Employee Safety				
-	3/6/91		d. Labeling/Markin	g Requirement	ts -		
_	3/6/91		e. Storage/Inspectio	n			
-	3/6/91		f. Contingency Plan		0.11		
_	10/8/91	4.	Plant Spill Procedure	2	1 0 H	_	DAME



Department of Poliu Control and Ecology
P. O. Box 8913 Little Rock, Arkansas 72219-8913
Telephone 501-562-7444

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Plea	se print or type. (Form designed for us	se on elite (12-pitch) typewriter.)		, i	Form Approve				
A	UNIFORM HAZARDOUS WASTE MANIFEST	KISDIOI dol		anifest ment No. 0117	2, Page 1 of	required t	y Federal	iaded greas is law.	noi
	3 Generators Name accessions of the Services 3155 Fiberglass Rd Kansas City, Kansa 4. Generators Phone (913)	s, Olin Corp.	ote: Mailing of Si Olin Con P.O. Box 248, This Tonn Mailing of the Control of the	160 Pe	B. State Genera	5183	82	ej r	
	6. Transporter 1 Company Name ENSCO, Inc. 7. Transporter 2 Company Name	D.	US EPA 10 NUMBER US EPA 10 NUMBER		C. State Transporter's D. Transporter's E. State Transport	Phone 50	1-1	108 HO 03-11	13
					F. Transporter's				
	Ensch Lnc. American Oil Ron	10.	US EPA ID Number		G. State Facility H. Facility's Pho	ne			
	El, Dorado, AR.	71730 IAIR	DIO169 171481	11912	(5°d)-	598	-7	173	
	11. US DOT Description (Including Proper Ship	poing Name, Hazard Class, and ID Number)		No.	nere i	Total	Unit We/Yes	Weste	Nu.
O E N	contominated wo	wastersolid, Nois	. (chrome Agleg	01017	4-U-4-	ada	P	DOC	57
RAT	(Northa) -	mmable Liquid, Tho	Bur apic Fidaul				Ð	D00	
0	Flammable	? liquid, LIV 199	3	01017	DW 13	51010		2015	V.
	(Naptha) Flammable all ROT, Waste Flam (chloroform, Fuel	oll), 4 1 1993	ningk (19mm)	() (P	DIM I	_50	P	4004	
	d.	,		. 1	1 1			·	,
	1. Additional Descriptions for Materials Listed A. WMDS # 10	16217 1H - 5/18 6221 118-35	0# 0# #		EMERGENCE PART	MESPONS	EINFOR	MATION:	ort.
Ш	if no alternate TSDF, return to ge	enerator					<u> </u>		
	15. Special Handling Instructions and Additiona	al Information			6653 7 23 3				
	16. GENERATOR'S CERTIFICATION: I ho classified, pecked, marked, and lab government regulations and Arkansa if I am a large quantity generator, I economically practicable and that I huture threat to human health and the the best waste management mixthod	beled, and are in all respects in pro as state regulations. Settify that I have a program in place have selected the practicable method is environment; OR, if I am a small qu	pper condition for transport to reduce the volumn and to i of treatment, storage, of di antity generator, I have mad	xicity of w	aste generate	d to the deg	rea I has	e determine	ed to be lent and d solect
A	Printed/Typed Name	ale	~ L	M	arka			0.9.1.	1,9,1
	17. Transporter 1 Acknowledgement of Receip	ot of Materials	7						
DOCK	DONALE MELLON	1100	Signature (Jed.	mair.			Month D	7.91
2	18. Transporter 2 Acknowledgement of Receipt Frinted/Typed Name	of Materials	Signature				1	Month Di	ey Yoar
Ī	Likilada i Aban Lemila							111	
00-	19, Disprepancy Indication Space						en delika melanaskan sela tilika mende udikan selah		
ĪĪ	20 Faculty Owner or Operator: Certification of n	receipt of hazardous materials covered by t	his manifest except as noted in ?	sem 19.					
11)	Printed/Typed Name / /	11=-11/	Signature)) /		0 - 1/4		1	A CONTRACTOR	1/20

NOTICE: THE ORIGINAL AND NOT LESS THAN TWO (2) COPIES MUST MOVE WITH THE HAZARDOUS WASTE SHIPMENT, ONCE DELIVERED, THE TREAT-MENT/STORAGE/DISPOSAL FACILITY MUST RETURN THIS ORIGINAL COPY TO THE GENERATOR.

LAND DISPOSAL RESTRICTION NOTIFICATION FORM

		00	17
SECTION I		Manifest No.: AR 5	1935 2
10	with a ship	1	1//22/ 1//2
Generator Name:	in Witter Services, Din Con.	WMDS No.(s): 1 (e (e 7) 17)	166441,1864
Address:	I hereby to Del.	Completed By: <u>こうらか</u>	1 /10-4:5
Kenner Ci	v K- nees 66115	Title: Environment	El Ener.
LIGHT IN LINE) 	Date: 51/19/91	
USEPA ID No.:	, , , , , , , , , , , , , , , , , , , ,	SZ LE	1 1 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7
(Continu	ation Sheets may be attached and must be	numbered accordingly: Page	of)
SECTION II SPE	ENT SOLVENT WASTES 40 CFR 268.30 AI	ND CALIFORNIA LIST WASTES	10 CFR 268.32
(Check Here)	A. Spent Solve	nt Wastes	2
The shipment, as refe	renced by the above manifest number, cor	ntains waste(s) corresponding to	USEPA Hazardous Was
Code(5)			• 100
The above referenced	waste(s) must be treated to meet the treate	ment standard expressed as Con	stituent Concentration
the Waste Extract as o	outlined in 40 CFR 268.41(a) Table CCWE	and in 40 CFR 268.43(a) Table CC	CW below.
	Table CCWT — Co		
		Gongentration (in mon	
F001-F005 Spent Solvenis	Wasanama	11.	
Acetone n-Butyl alsohel	0.05 5.0	P. L	
Cerbon disuffice	1.05		
Chiarabatzeau	.15	la l	
Creates and creaylic seid!	2.82 125		
1.2-Curringgrangane	.65		
Elwanana Elwanana	05	' El	The state of the s
. द्वीराज्यं कारणा	.05		
Minutanol Minutanol	\$ 0 .25	1.1	
Mertylana chloride	.30	<u>.</u> : [
Maniples Ciribide (Non the Man	niceutical industry) 12.7	f a	
Methyl tesbutyl ketone	0.05	. []	
Nerobenzene Pyridine	D 05		
Tetrachiorcalitylene	i 0.66 1.12		
Tolymne	0.07P		4.0
1.1.1-Westprovidence 1.1.2-Westprovidence	1.12		
Trigitiprosthylana		•	social property was a
Tephonofluoromethers Nyiena	1 06 0.002	11	
	9.05		10 M
	0.05		9.15
	l e		
	Table CCW-Constituted Conc	BITTERSON IN WASH	
1.1.2-Trichlorperhane	0,030	Britishand in Makin	2.80
Bergene	0,000 9,070	Britishann in Waste	17 / N
Reinfere Cylolide (Bytamican)	0.030 0.070 0.44		\$70 % \$\frac{1}{2} \text{\$\frac{1}{2}\$}
Bergene Mempera Chierige (Sharmecoving FDOS Epper Brownes 7 Manifestra	0.030 9.070 8) Industry) 0.44 # and 7-Emosysthanid have seemaste built-bad in 40 C	FR 258 47 and must be referenced in Section III of	170 100 Thus born
Servene Methylene Chlorige (Sharmscounce FD05 Soven Brawnis 2 Armetiscan ——If indicated by ")	0.030 0.070 0.44	FR 258 47 and must be referenced in Section III of	170 100 Thus born
Servene Methylene Chlorige (Sharmscounce FD05 Soven Britains 2 Annehman ——If indicated by "" "X" here	0.030 9.070 8) Industry) 0.44 # and 7-Emosysthanid have seemaste built-bad in 40 C	FR 258 47 and must be referenced in Section III of	170 Number
Berzene Methylers Chierige (Pharmscrum) #505 boyn braums 2 American ——If indicated by "2	0.030 9.070 8) Industry) 0.44 # and 7-Emosysthanid have seemaste built-bad in 40 C	FR 258 47 and must be referenced in Section III of	170 100 Thus born





Ashland Chemical, Inc. Subsidiary of Ashland Oil, Inc. Address Reply: 305 Sunshine Road Kansas City, KS 66115 Tel: (913) 621-6410 Fax: (913) 621-7387

December 4, 1991

Ms. Lynda Ramsey
Kansas Bureau of Air and
Waste Management
808 West 24th Street
Lawrence, KS 66046-4417

Dear Ms. Ramsey:

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If you have any questions, please call me at (913) 621-6440.

Thank you.

Sincerely,

DREW INDUSTRIAL DIVISION ASHLAND CHEMICAL, INC.

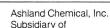
Wm. H. Dame Plant Manager

WED/is

cc: W. Dondarski, Jr. - Drew, Kearny, NJ

K. Carter - Ashland, Dublin, OH





Address Reply: 3155 Fiberglas Road Kansas City, KS 66115 Phone: (913) 621-2021

Ashland Chemical

Drew Industrial Division

Subsidiary of Ashland Oil, Inc.

Drew Industrial Kansas City, KS

PRODUCT - SPECIAL ANALYSIS

DATA ONLY

Date Collected: Date Received: 10/28/91 Date Analyzed: 11/18/91 Analyst: PRE DH/js

Laboratory No.: 91Q0238

1 - 91Q0238 DRUM	#21	
CONSTITUENT	expressed as mg/L	1
Specific Gravity		1.024
pH (neat)	units	6.5
Chromium	%CrO ₄	4.0
Zinc	%Zn	0.2

B. Dame B. Whiles

LF







Subsidiary of Ashland Oil, Inc.

Address Reply: 3155 Fiberglas Road Kansas City, KS 66115 Phone: (913) 621-2021

Ashland Chemical

Drew Industrial Kansas City, KS

PRODUCT - SPECIAL ANALYSIS

DATA ONLY

Laboratory No.: 91Q0233
Date Collected: -Date Received: 10/28/91

Date Analyzed: 11/18/91 Analyst: DH/js

1 - 91Q0233	DRUM #29		,	
CONSTITUENT		expressed as	1	
Specific Gravity		-	1.004	
pH (neat)		units	9.2	
Chromium		%CrO ₄	0.5	
Zinc		%Zn	<0.1	

B. Dame B. Whiles

LF



Ashland Chemical's Commitment to Quality and Productivity





Ashland Chemical, Inc. Subsidiary of Ashland Oil, Inc. Address Reply: 3155 Fiberglas Road Kansas City, KS 66115 Phone: (913) 621-2021

Drew Industrial Kansas City, KS

PRODUCT - SPECIAL ANALYSIS

DATA ONLY

Laboratory No.: 91Q0235
Date Collected: -Date Received: 10/28/91

Date Analyzed: 11/14/91 Analyst: DH/js

1 - 91Q0235	DRUM #33			
CONSTITUENT		expressed as mg/L	1	
Specific Gravity		-	1.038	
Chromium		%CrO ₄	0.26	
Zinc		%Zn	0.1	
pH (neat)		units	7.4	

B. Dame B. Whiles

LF









Ashland Chemical, Inc. Subsidiary of Ashland Oil, Inc. Address Reply: 3155 Fiberglas Road Kansas City, KS 66115 Phone: (913) 621-2021

Drew Industrial Kansas City, KS

PRODUCT - SPECIAL ANALYSIS

DATA ONLY

Laboratory No.: 91Q0234
Date Collected: -Date Received: 10/28/91
Date Analyzed: 11/18/91

Analyst: PEDH/js

1 - 91Q0234 DRUM #34			
CONSTITUENT	expressed as	1	
Specific Gravity	-	1.004	
pH (neat)	units	10.7	
Phosphate, Total	%PO ₄	1.4	
Phosphate, Inorganic	%PO ₄	<0.1	
Phosphate, Ortho	%PO ₄	<0.1	
Polymer	%SSMA	<0.1	
Chromium	%CrO ₄	0	

B. Dame B. Whiles

LF





Ashland Chemical, Inc. Subsidiary of Ashland Oil, Inc.

Address Reply: 3155 Fiberglas Road Kansas City, KS 66115 Phone: (913) 621-2021

Drew Industrial Kansas City, KS

PRODUCT - SPECIAL ANALYSIS DATA ONLY

Date Collected: Date Received: 10/28/91 Date Analyzed: 11/14/91 Analyst: PEDH/js

Laboratory No.: 91Q0229

1 - 91Q0229	DRUM #35			
CONSTITUENT		expressed as mg/L	1	
Specific Gravity		-	1.164	
Chromium		%CrO ₄	0.5	
Zinc		%Zn	0.1	
pH (neat)		units	7.8	
Phosphate, Total		$^{\mathrm{WPO}_4}$	1.4	

B. Dame B. Whiles LF

Headquarters One Drew Plaza Boonton, N.J. 07005 (201) 263-7600







Ashland Chemical, Inc. Subsidiary of Ashland Oil, Inc. Address Reply: 3155 Fiberglas Road Kansas City, KS 66115 Phone: (913) 621-2021

Drew Industrial Kansas City, KS

PRODUCT - SPECIAL ANALYSIS

DATA ONLY

Date Collected: -Date Received: 10/28/91
Date Analyzed: 11/15/91

Laboratory No.: 91Q0237

Date Analyzed: 11/15/91 Analyst: DH/js

1 - 91Q0237 DRUM #41			
CONSTITUENT	expressed as mg/L	1	
Specific Gravity	-	1.152	
pH (neat)	units	11.1	
Disodium Ethylene Bisdithio- carbamate	%NABAM	15.0	
Sodium Dimethyldithiocarbamate	-	15.0	

OLIN 3302

B. Dame B. Whiles

LF

Headquarters One Drew Plaza Boonton, N.J. 07005 (201) 263-7600







Ashland Chemical, Inc. Subsidiary of Ashland Oil, Inc. Address Reply: 3155 Fiberglas Road Kansas City, KS 66115 Phone: (913) 621-2021

Drew Industrial Kansas City, KS

PRODUCT - SPECIAL ANALYSIS DATA ONLY

Laboratory No.: 91Q0253
Date Collected: 10/28/91
Date Received: 10/28/91
Date Analyzed: 12/10/91
Analyst: DH/js

1 - 91Q0253 DRUM #42			
CONSTITUENT	expressed as mg/L	1	
pH (neat)	units	8.9	
Chemical Oxygen Demand	COD	59,000	
Zinc	Zn	0.24	
Copper	Cu	0.20	
Nickel	Ni	<0.1	
Chromium	Cr	<0.1	
Lead	Pb	<0.1	
Phenol	ø он	317.0	

B. Dame

B. Whiles

LF

Headquarters One Drew Plaza Boonton, N.J. 07005 (201) 263-7600







Ashland Chemical, Inc. Subsidiary of Ashland Oil, Inc. Address Reply: 3155 Fiberglas Road Kansas City, KS 66115 Phone: (913) 621-2021

Drew Industrial Kansas City, KS

PRODUCT - SPECIAL ANALYSIS

DATA ONLY

Laboratory No.: 91Q0254
Date Collected: 10/28/91
Date Received: 10/28/91
Date Analyzed: 12/10/91
Analyst: DH/js

1 - 91Q0254 DRUM #43		·
CONSTITUENT	expressed as mg/L	1
pH (neat)	units	9.7
Chemical Oxygen Demand	COD	710,000
Zinc	Zn	0.35
Copper	Cu	0.04
Nickel	Ni	<0.1
Chromium	Cr	0.34
Lead	Pb	<0.1
Phenol	øон	3550.0

B. Dame

B. Whiles

LF

Headquarters One Drew Plaza Boonton, N.J. 07005 (201) 263-7600 Telex: 136444 Fax: (201) 263-3323



Ashland Chemical's Commitment to Quality and Productivity







Address Reply: 3155 Fiberglas Road Kansas City, KS 66115 Phone: (913) 621-2021

Drew Industrial Kansas City, KS

PRODUCT - SPECIAL ANALYSIS

DATA ONLY

Laboratory No.: 91Q0203 Date Collected: 09/24/91 Date Received: 09/30/91 Date Analyzed: 11/18/91

Analyst:

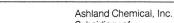
DH/js

1 - 91Q0203	CLEAN OUT	TH-1	04/15/87	·
CONSTITUENT			expressed as mg/L	1
pH (0.1% solution)			units	2.4
Sulfate			%SO ₄	82.5
Phosphate, Total			%PO ₄	0.2
Sodium			%Na	17.0
Chelant			%Na ₄ EDTA	<0.1
Polymer			%PA	<0.1

B. Dame T. Hicks

LF





Subsidiary of Ashland Oil, Inc. Address Reply: 3155 Fiberglas Road Kansas City, KS 66115 Phone: (913) 621-2021

Ashland Chemical

Drew Industrial Division

Drew Industrial Kansas City, KS

PRODUCT - SPECIAL ANALYSIS DATA ONLY

Laboratory No.: 91Q0204 Date Collected: 09/24/91

Date Collected: 09/24/91 Date Received: 09/30/91 Date Analyzed: 11/22/91

Analyst:

DH/js

				Thelin
1 - 91Q0204	CLEAN OUT	TH-2		
CONSTITUENT			expressed as mg/L	1
Sulfite			%SO ₃	60.9
Tannin			%Tannin	3.0
Phosphate, Inorga	nic		%PO ₄	0.9

OLIN 4110

B. Dame \ T. Hicks

LF

Headquarters One Drew Plaza Boonton, N.J. 07005 (201) 263-7600 Telex: 136444 Fax: (201) 263-3323



Ashland Chemical's Commitment to Quality and Productivity







Address Reply: 3155 Fiberglas Road Kansas City, KS 66115 Phone: (913) 621-2021

Drew Industrial Kansas City, KS

PRODUCT - SPECIAL ANALYSIS

DATA ONLY

Laboratory No.: 91Q0210 Date Collected: 09/24/91 Date Received: 09/30/91 Date Analyzed: 12/10/91

Analyst: DE DH/js

1 - 91Q0210

TH3

CONSTITUENT

expressed as mg/L

1

Polymer, Anionic

Allied Colloid's Percol

Unable to determine which Percol.

B. Dame B. Whiles

LF







Address Reply: 3155 Fiberglas Road Kansas City, KS 66115 Phone: (913) 621-2021

Drew Industrial Kansas City, KS

PRODUCT - SPECIAL ANALYSIS DATA ONLY

Laboratory No.: 91Q0205 Date Collected: 09/24/91 Date Received: 09/30/91 Date Analyzed: 11/21/91

Analyst: DH/

1 - 91Q0205	CLEAN OUT	TH-4	04/15/88	
CONSTITUENT			expressed as mg/L	1
pH (0.1% solution)			units	9.0
Phosphate, Inorgan	nic		%PO ₄	2.0
Sulfate			%SO ₄	5.0
Sulfite			%SO ₃	58.4
Sodium			%Na	35.0

OLIN 1804 Waste

B. Dame T. Hicks

LF

Headquarters One Drew Plaza Boonton, N.J. 07005 (201) 263-7600









Address Reply: 3155 Fiberglas Road Kansas City, KS 66115 Phone: (913) 621-2021

Drew Industrial Kansas City, KS

PRODUCT - SPECIAL ANALYSIS DATA ONLY

Laboratory No.: 91Q0206 Date Collected: 09/24/91 Date Received: 09/30/91 Date Analyzed: 12/03/91

Analyst:

DH/js

				LEE MA
1 - 91Q0206	CLEAN OUT	TH-5	05/27/86	
CONSTITUENT			expressed as mg/L	1
Sulfite			01.00	1
Suilite			%SO ₃	58.3
Appearance			-	Dk. Brown Powder

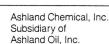
Product is OLIN 4110 Waste

B. Dame

T. Hicks

LF





Address Reply: 3155 Fiberglas Road Kansas City, KS 66115 Phone: (913) 621-2021

Ashland Chemical

Drew Industrial Kansas City, KS

PRODUCT - SPECIAL ANALYSIS DATA ONLY

Date Collected: 09/24/91 Date Received: 09/30/91 Date Analyzed: 12/04/91

Laboratory No.: 91Q0207

Analyst:

1 - 91Q0207

POWDER WASTE TH-6

CONSTITUENT

expressed as mg/L

1

Sulfite

 $%SO_3$

38.5

Appearance

Brown Powder

Product is OLIN 1804 Waste

B. Dame T. Hicks

LF

Headquarters One Drew Plaza Boonton, N.J. 07005 (201) 263-7600

Telex: 136444 Fax: (201) 263-3323

QUALITY PUIS

Ashland Chemical's Commitment to Quality and Productivity







Address Reply: 3155 Fiberglas Road Kansas City, KS 66115 Phone: (913) 621-2021

Drew Industrial Kansas City, KS

PRODUCT - SPECIAL ANALYSIS

DATA ONLY

Laboratory No.: 91Q0211
Date Collected: 09/24/91
Date Received: 09/30/91
Date Analyzed: 12/10/91
Analyst: TRE DH/js

1 - 91Q0211 TH7

expressed
as mg/L 1

Polymer, Anionic

Allied Colloid's Percol

Unable to determine which Percol.

B. Dame B. Whiles

LF





Ashland Chemical, Inc. Subsidiary of Ashland Oil, Inc.

Address Reply: 3155 Fiberglas Road Kansas City, KS 66115 Phone: (913) 621-2021

Drew Industrial Kansas City, KS

PRODUCT - SPECIAL ANALYSIS DATA ONLY

Date Collected: 09/24/91 Date Received: 09/30/91 Date Analyzed: 12/03/91

Laboratory No.: 91Q0209

Analyst:

1 - 91Q0209

POWDER MIX TH-8

CONSTITUENT

expressed as mg/L

1

Sulfite

 $%SO_3$

58.1

Appearance

Off Gray

Product is OLIN 1803 Waste

B. Dame T. Hicks

LF

Headquarters One Drew Plaza Boonton, N.J. 07005 (201) 263-7600

Telex: 136444 Fax: (201) 263-3323 QUALITY PAIDS

Ashland Chemical's Commitment to
Quality and Productivity





Ashland Chemical, Inc. Subsidiary of Ashland Oil, Inc. Address Reply: 305 Sunshine Road Kansas City, KS 66115 Tel: (913) 621-6410 Fax: (913) 621-7387

December 4, 1991

RECEIVED

Ms. Lynda Ramsey Kansas Bureau of Air and Waste Management 808 West 24th Street

Lawrence, KS 66046-4417

K. D. H. E. NORTHEAST DISTRICT

Dear Ms. Ramsey:

As requested in your November 26, 1991 Compliance Inspection report of my facility, I am writing to notify you of the "Resinew" and "Pentachlorophenate" waste disposition.

The seven (7) drums of Resinew, now classified "non-hazardous" will be shipped December 4, 1991 to El Dorado, Arkansas for incineration by Ensco.

There were three (3) drums of Pentachlorophenate waste instead of two (2). This material is being shipped December 4, 1991 to Clean Harbors of Natick, Inc., 10 Mercer Road, Natick, MA for storage until the Coffeyville, KS disposal site receives their EPA permit.

If you have any questions, please call me at (913) 621-6440.

Thank you.

Sincerely,

DREW INDUSTRIAL DIVISION ASHLAND CHEMICAL, INC.

Wm. H. Dame Plant Manager

WED/js

cc:

W. Dondarski, Jr. - Drew, Kearny, NJ

K. Carter - Ashland, Dublin, OH



Environmental, Health & Safety

G. W. Hammer Vice President (614) 889-3052 Ashland Chemical, Inc. Subsidiary of Ashland Oil, Inc. Address Reply: P.O. Box 2219 Columbus, Ohio 43216

November 19, 1991

RECEIVED

Mr. Curtis Lesslie Kansas Bureau of Air and Waste Management 808 West 24th Street

Lawrence, KS 66046-4417

RE: Ashland Chemical, Inc.

Drew Industrial Division Kansas City Facility KSD 000 203 638 K. D. H. E.

NORCERASPIEDIMAIL

RETURN RECEIPT

REQUESTED

NOV 2 7 1991

MUV 2 () 1991 MM ACC - 43 ()

Dear Mr. Lesslie:

This letter is in response to your discussion with Dan Bennewitz of Olin Chemicals on 11/14/91. The Department is requesting written confirmation that the Resinew is non-hazardous.

Ashland Chemical, Inc. acquired Olin Water Service's Kansas City facility on December 31, 1989. The purchase agreement included contractual language making Olin responsible for characterization and disposition of existing on-site materials. Olin has recently informed Ashland that the Resinew containing a 50/50 blend of Sodium Sulfite and Sodium Hydrosulfite (MSDS attached) is not a hazardous waste. It does not exhibit the characteristic of reactivity. Specifically, it does not react violently with water as evidenced by the fact that this is a water treatment chemical and water is the recommended extinguishing media. It is also not a sulfide bearing waste and contains only sulfite.

Ashland is finalizing arrangements with Olin for non-hazardous waste disposal of the seven drums of material. Please contact me at (913) 621-6410 if you have any questions.

Sincerely,

William E. Dame Plant Manager

CC: Ms. Lynda Ramsey, Kansas Bureau of Air and Waste Management

bcc: W. Dondarski

K. Woods

K. Carter

D. Bennewitz - Olin, P.O. Box 248 Lower River Rd, Charleston, TN 37310

A. Kolarsky/File: Drew/ Kansas City/ Waste



MAILHIAL SAFEIY DATA SHEET.

N RESINEW®

ISSUE EMERGENCY TELEPHONE 1-800-432-6548 February 6, 1988 DATE

Olin Water Services, OLIN CORPORATION, 51 Corporate Woods, 9393 W. 110 St., P.O. Box 10818, Overland Park, KS 66210

I - IDENTIFICATION

TRADE NAME

OLIN RESINEW*

CHEMICAL FAMILY Reducing agent

II - NORMAL HANDLING PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Do not get in eyes, on skin or on clothing. Do not take internally.

Harmful if swallowed. Upon contact with skin or eves. wash off with water. Avoid breathing dust. Store in a cool, dry, well-ventilated place away from all sources of Ignition. Avoid contact with acids or with combustible, organic, or other readily oxidizable

PROTECTIVE EQUIPMENT

EYE - Goggies GLOYES - Impervious

RESPIRATOR - Wear a NIOSH/MSHA approved dust/mist respirator if excessive dusting occurs.

OTHER PROTECTIVE EQUIPMENT - Not normally required.

VENTILATION REQUIREMENTS - Local mechanical exhaust ventilation recommended to minimize employee exposure.

III - COMPONENTS

ESTAB. **OSHA**

TOXIC HAZARD DATA

BASIC MATERIAL

STANDARD

LO50

SIGNIFICANT EFFECTS

Sodium sulfite (CAS No. 7757-83-7) None Estab. LDLO 2,825 mg/kg Oral (rabbit)

Eye, skin and mucous membrane irritation.

Sodium hydrosulfite (CAS No. 7773-14-6)

None Estab. No data

Eye and mucous membrane irritation. Gastrointestinal

discomfort.

IV - FIRE AND EXPLOSION HAZARD DATA

PLASH POINT - METHOD USED -

N.A.

FLAMMABLE (EXPLOSIVE) LIMITS

UPPER N.A. LOWER N.A.

amount dines .

EXTINGUISHING MEDIA - Water spray, dry chemical, foam or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES - Water spray should be used to cool fire exposed containers and/or to disperse unignited vapors. Use NIOSH/MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS - The possibility of a dust explosion exists. Use care to avoid dust buildup. Combustion products include sulfur dioxide gas.

V - HEALTH HAZARD DATA

EXPOSURE LIMITS

See below

THRESHOLD LIMIT VALUE

None established

EFFECTS OF OVEREXPOSURE

Irritation to eyes, skin and mucous membranes. Gastrointestinal discomfort.

EMERGENCY AND FIRST AID PROCEDURES

SKIN AND EYES: Immediately flush skin with water. If an irritation develops, call a physician. Immediately flush eyes with water for 15 minutes. Call a physician.

Immediately drink large quantities of water. Induce vomiting by sticking finger down throat. Call a physician.

INHALATION:

Immediately remove victim to fresh air. Call a

physician.

WB 007

VI - TOXICOLOGY

DE NAME OLIN RESINEW®

Not known to be.

Not known to be.

Irritant

Irritant

ACUTE ORAL LD50 = No data for mixture

ACUTE DERMAL TOXICITY . No data for mixture

ACUTE INHALATION TOXICITY = No data for mixture

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE = None known

PRINCIPLE ROUTES OF ABSORPTION - Inhalation, dermal, eye, ingestion RELEVANT SYMPTOMS OF EXPOSURE - Irritation to eyes, skin and mucous membranes. Gastrointestinal discomfort. EFFECTS OF CHRONIC EXPOSURE - None known or reported.

VII - SPILL OR LEAK CONTROL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

PRIMARY SKIN IRRITATION

CARCINOGENIC

EYE IRRITATION

MUTAGENIC

Wear NIOSH/MSHA approved dust/mist respirator. Follow OSHA regulations for respirator use (See 29 CFR 1910.134). Wear goggles, impervious coveralls, gloves and boots. Remove all sources of ignition. Add non-combustible dry absorbent. Clean up and place in a DOT approved container. Allow to stabilize before sealing. Wash all contaminated clothing before reuse. In the event of a large spill, use the emergency telephone number shown on the front of this sheet.

WASTE DISPOSAL METHOD (FOLLOW ALL APPLICABLE LAWS & REGULATIONS - FEDERAL, STATE, & LOCAL)

Dispose of contaminated product, empty containers and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures.

VIII - REACTIVITY DATA

N.Ab N.A. N.A. X UNSTABLE STABLE AT

HAZARDOUS REACTION OR POLYMERIZATION

MAY OCCUR WILL NOT OCCUR

CONDITIONS TO AVOID - Moisture, sparks, open flame.

INCOMPATABILITY (Material To Avoid) - Acids, organic or other readily oxidizable materials.

HAZARDOUS DECOMPOSITION PRODUCTS - Sulfur dioxide

HAZARDOUS MIXTURE OF OTHER LIQUIDS, SOLIDS, OR GASES - See Incompatability

IX - PHYSICAL DATA

FREEZE POINT	ND *F	ND	•c	SPECIFIC	OHAVITY (H2O	- 1) 1.41	VOLATI	LES	None	WT.%
BOILING POINT	ND °#	ND	•¢	SOLUBIL	ITY IN WATER	Appreciable	PH(1	% SOLUTION) -	7.8
APPEARANCE	Cream co	olored p	owder				ODOR	Odorle	:33	
CORROSIVE ACTION	ON MATERIAL	S			OTHER					
AT	130° FOR 7 DAY	5								
MILD STEEL (SAE 10)20) =	N	D	MPY						
ALUMINUM (7075-T-0	3) =	. N	D	MPY						
STAINLESS STEEL (304) =	N	D	МРҮ						

X - OTHER PRECAUTIONS

OSHA Classification: Flammable solid

TOXICOLOGY INFORMATION BY:

S. J. Barbee, Ph.D.,

Regulatory Affairs Specialist,

OTHER INFORMATION BY:

L. M. Prouty,

Toxicologist, Dept. of Environmental Hygiene & Toxicology

EMERGENCY PHONE: 1-800-432-6546

EMERGENCY PHONE: (203) 789-5435

Olin Water Services



Hazardous Waste Compliance Monitoring and Enforcement Log

RECEIVED BUREAU OF

DEC 2 1991

FORM A

Alfand V ASTE

HANDLER LDF (ID NUMBER: KSD000000000000000000000000000000000000	
HANDLER NAME: Drew Industries (ashland)	Then was AT MPT CL 12-10-91 RCRIS 12107/
STREET: 3155 Filmolass	CITY: Hansas Cuty
EVALUATION New Followup Delete	Verfiel in Herans 1-14-72/ - \$1-26-91
Date 91 10 29 Agency S Type CET	Reason Person ARR District
Areas of Evaluation (EV - Evaluted, NE - Not Evaluated, NA - Not	Applicable)
GER EV GPT TGR DCH WE GGR GR GRR TOR DCL EV DCP EV DFR WE DFR WE	Treatment/Storage/Disposal Facility OGW WE DMC WE DPP WE CAS DIN WE DMR EV DSI ME FEA DLB EV DOR WE DTR WE DLT WE DLT WE DDLT WE DPB WE DWP WE DWP WE DWP
COMMENTS	
VIOLATION # / Link to: New Change Delete Comments	VIOLATION # Link to:
Agency Number Area Class Priority Type S	Agency Number Area Class Priority Type
Date Determined Warsh What Uned to Compliance	Date Determined Returned to Compliance
MM DO YY O D D D D D D D D D D D D D D D D D D	MM DO YY
VIOLATION # 3 Link to: New . Change . Delete . Comments	VIOLATION # Link to: New Change Delete Comments
Agency Number Area Class Priority Type S DMR 2 SR Regulation Citation: KAR 28-31-4(3)1	Agency Number Area Class Priority Type S D B Z FR Regulation Citation: KAR 2831-14
Date Determined Returned to Compliance	Date Determined Returned to Compliance
MM DD W Scheduled: 12 30 91 Actual:	MM DD W Scheduled: 2 3 0 9

Hazardous Waste Compliance Monitoring and Enforcement Log

FORM

ID Number: Hand	ller Name:
VIOLATION # Link to: New Change Delete Comments	VIOLATION # Link to: New Change Delete Comments
Agency Number Area Class Priority Type S Regulation Citation:	Agency Number Area Class Priority Type S
Date Determined Returned to Compliance	Date Determined Returned to Compliance
Scheduled: MM DD YY Actual:	MM DD YY Scheduled: MM DD YY Actual:
VIOLATION # Link to: New Change Delete Comments	VIOLATION # Link to: New Change Delete Comments
Agency Number Area Class Priority Type S	Agency Number Area Class Priority Type S
Date Determined Returned to Compliance	Date Determined Returned to Compliance
MM DD YY Scheduled: MM DD YY Actual:	MM DD YY Scheduled: MM DD YY Actual:
VIOLATION # Link to: New Change Delete Comments	VIOLATION # Link to: New Change Delete Comments
Agency Number Area Class Priority Type S	Agency Number Area Class Priority Type S
Date Determined Returned to Compliance	Date Determined Returned to Compliance
MM DD YY Scheduled: MM DD YY Actual:	MM DO YY Scheduled: MM DO YY Actual:
ENFORCEMENT New Change D	elete
YY MM DD	Type 120 District ME Person LLR
Agency Violation Number Area Agency Violation Number	Link to: Ser Area Agency Violation Number Area
S	
Comments:	